

**MURRAY STATE UNIVERSITY**  
**Proposed Projects Involving the General Fund (cash or bonds)**  
(amounts in **bold** are the total budget)

**2014-2020**

(Projects listed by agency priority; descriptions are from the agency submission)

- 1 Construct / Complete New Science Complex - Final Phase** **\$36,890,000**  
This final phase of the Science Complex will include the construction of a new Engineering-Physics Building. Funds are available from previous phases of the New Science Complex to begin the planning of this project. Funds requested in this phase will complete the planning, design, and construction of the Engineering-Physics Building. (C-O)
- 2 Construct New Breathitt Veterinary Center** **\$32,468,000**  
The project would construct a new 52,891 square foot veterinary diagnostic laboratory to meet the future demands of animal diagnostics and teaching. This facility would replace the existing 45 year old Breathitt Veterinary Center which is in need of major renovations and is too small to accommodate the increasing diagnostic needs of the region and the growing academic programs. A feasibility study was completed to determine project programming and cost elements. The land acquisition and design process is also ongoing with use of previously appropriated funds. Should a balance be available from the previously appropriated funds following land acquisition and design work, authorization will be requested to use those funds for site development and construction. (C-O)
- 3 Construct Madisonville Postsecondary Education Center (Add'l)** **\$21,500,000**  
KCTCS proposes to construct an approximately 68,000-gross-square-foot Postsecondary Education Center on the main campus of Madisonville Community College (MCC). The Center will provide classroom and office space for use by MuSU and MCC. In addition, the new facility will support programs and services offered through distance learning. The facility will greatly increase the number of baccalaureate and graduate level degree programs offered in the underserved area of MCC. (C-O)
- 4 Upgrade Campus Electrical Distribution System** **\$13,038,000**  
This upgrade to the main campus electrical distribution system includes upgrading the Central Plant Substation to replace 40+ year old equipment. The project would also replace transformers, switches, underground cable/conduit, and related equipment to ensure the reliability of the campus electrical system. (C-PI)
- 5 Renovate Blackburn Science** **\$34,952,000**  
The Blackburn Science building was completed in 1950 and contains 139,217-square-feet. There have been no recent major renovations of the building. This project will allow for a total renovation of the facility. (C-PI)

- 6 Construct New University Library** **\$69,725,000**  
This project would allow for the construction of a new university library on the main campus of MuSU. The new library would replace the existing Waterfield Library, constructed in 1959, and Pogue Library, constructed in 1931. Neither of these facilities was designed to meet current needs. Space is very limited in the two existing facilities and is at full capacity. The new 141,509-square-foot facility would replace the 147,043-square-foot currently available in Waterfield (101,480 sf) and Pogue (45,563 sf). A feasibility study was completed in 2010 to determine project programming and cost elements. (C-O)
- 7 Replace Campus Steam Distribution System** **\$5,968,000**  
The central steam system currently serves 19 campus buildings and varies in age from 35 to 60+ years old. Portions of the system are beginning to fail and it is becoming very costly to repair. It is anticipated that significant energy savings will be experienced with this project. This project will allow for the replacement of the campus steam distribution system. (C-PI)
- 8 Complete Life Safety Projects: E&G Pool < \$600,000** **\$2,219,000**  
This project pool will allow MuSU to complete life safety upgrades in various E&G buildings on the main and extended campuses. (C-PI)
- 9 Complete ADA Compliance: E & G Pool < \$600,000** **\$6,035,000**  
This project pool will address the Americans with Disabilities Act (ADA) compliance needs, with an estimated cost of less than \$600,000 each, in the E&G buildings at MuSU. (C-PI)
- 10 Complete Capital Renewal: E & G Pool < \$600,000** **\$18,406,000**  
This project pool will allow MuSU to upgrade or replace facility systems that have exceeded at least 90 percent of their useful life at various E&G buildings. Each of these projects has an estimated cost of less than \$600,000. (C-PI)
- 11 Abate Asbestos: E & G Pool < \$600,000** **\$397,000**  
This project pool will allow for the abatement of asbestos in E&G buildings on MuSU's main campus. (C-PI)
- 12 Upgrade Campus Phone and Data Network** **\$4,485,000**  
This project will allow MuSU to upgrade the existing campus phone and data network in order to replace existing equipment that is becoming obsolete. (IT)
- 13 Renovate Lovett Auditorium** **\$25,069,000**  
This project will fully renovate the interior and exterior of the 42,711 square foot Lovett Auditorium. This will preserve this historical landmark, constructed in 1928, on the main campus of MuSU and provide a venue for concerts, meeting events, the theater and performing arts, etc. The project will address life safety issues; code compliance; ADA issues; and will address much needed architectural modifications. The renovation will also include modern HVAC equipment. (C-PI)

- 14 Replace Expo Center Roof** **\$867,000**  
The William Cherry Exposition Center was constructed in 1976. The 3-ply built up with gravel surface roof was last replaced in 1995 and had an expected life of 13 years (2008). This project would allow for the roof replacement. (C-PI)
- 15 Demolish Ordway Hall** **\$1,406,000**  
This project would allow for the demolition of Ordway Hall. The 38,600-square-foot building was built in 1931. Consultants for the Kentucky Council on Postsecondary Education (CPE) have recommended that the building be demolished because it is a fire hazard and is not ADA accessible. Demolition can be completed when another facility becomes available for the current occupants. (C-PI)
- 16 Waterproof Stewart Stadium** **\$882,000**  
The Stewart Stadium grandstands are directly over finished offices, classrooms, and common spaces. The grandstands are constructed of precast concrete which allows storm water leakage to the spaces below. There are numerous cracks and joints in the concrete that need to be caulked and the entire surface needs to be waterproofed. (C-PI)
- 17 Extend Energy Management System** **\$6,677,000**  
This project would extend and upgrade the energy management system to all campus facilities. There have been significant technological advances since the original system was installed more than 30 years ago and maintaining the old system has become very costly and time-consuming. (C-PI)
- 18 Replace E&G Chiller / CFC Compliance** **\$965,000**  
This project would replace the third chiller in the Heating & Cooling Plant (Central Plant) which cools most of the main campus. The project would also allow for compliance with clean air requirements in mechanical rooms that contain chlorofluorocarbon (CFC) equipment. (C-PI)
- 19 Replace Stewart Stadium Playing Surfaces** **\$1,402,000**  
This project will allow the replacement of the artificial turf playing surface and the resurfacing of the track at Stewart Stadium. (C-PI)
- 20 Construct Open-Sided Stall Barn at Expo Center** **\$1,203,000**  
This project would allow the construction of a 31,250-square-foot, 150 stall barn to complement and more effectively utilize the existing Livestock and Exposition Center located on MuSU's West Farm. Many university and regional agriculture and equine events are limited because of the availability of stall space. This additional space would greatly improve the operating conditions of the Expo Center. (C-O)
- 21 Construct Livestock Instructional Laboratory** **\$2,145,000**  
This project would allow the construction of a new livestock instructional laboratory that would replace the existing outdated dairy stall barn and offices. This facility would consist of offices, classrooms, restrooms, and show/sale facilities to provide instruction for MuSU's agriculture students as well as providing demonstration, education, and research facilities for MuSU's service region. (C-O)

- 22 ITV Upgrades to Murray State University System** **\$1,223,000**  
ITV (interactive television) is a teaching medium by which MuSU serves its 18-county region. MuSU's ITV equipment is quickly becoming outdated to the point replacement parts are no longer available. The new high definition ITV rooms would enhance teaching and learning for both faculty and students. (IT)
- 23 Install Sprinkler System - Blackburn Science Building** **\$1,264,000**  
The Blackburn Science Building was constructed in 1950 and has no sprinkler system for fire safety. The State Fire Marshal has recommended the installation of a fire suppression system since the building is no longer scheduled for demolition. (C-PI)
- 24 Renovate Pogue Library, Electric & HVAC** **\$1,229,000**  
This project would upgrade the electrical distribution system and install a modern HVAC system in the Pogue Library. (C-PI)
- 25 Renovate Exposition Center** **\$8,922,000**  
This project will renovate and correct structural problems, upgrade electrical service and correct damage caused by continual use of the Expo Center located on the university's West Farm. (C-PI)
- 26 Campus Backbone 10 Gig E Upgrade** **\$853,000**  
The MuSU intra-campus backbone is currently running 1 Gbs. This speed will be adequate for the short term, but will need to be upgraded as utilization continues to increase. (IT)
- 27 Campus Desktop Virtualization** **\$1,898,000**  
Desktop Virtualization would replace most MuSU users desktop, and possibly laptop computers, with thin client products. Over time this initial investment would significantly reduce costs associated with computer acquisition, energy consumption, system administration and support, as well as system security. (IT)
- 28 Replace Campus Communication Infrastructure (Fiber Ring)** **\$3,300,000**  
This project will replace existing telephone and data lines with state of the art redundant fiber optic media (fiber ring). Replacing deteriorated fiber optic cable will provide added capacity, redundancy, and reliability to adapt to a growing campus currently running on an aged and failing cable plant that is at capacity and has little redundancy for disasters or failures. (C-PI)
- 29 Information Technology Infrastructure** **\$625,000**  
The Department of Industrial and Engineering Technology (IET) houses some of the most advanced technology programs in the state of Kentucky and the region as it relates to engineering technology and telecommunications systems. IET maintains its own computer system, network structure and server applications. In addition, this department is among the only units in the southeast that uses a virtual computer system to emulate hardware/software applications. This demand is a constant challenge to maintaining currency in the information technologies in support of the system. This request is to upgrade the entire information technologies for IET in support of over 500 students, 24 faculty/staff, and 9 academic programs. (IT)

- 30 Upgrade Applied Science Electrical System** **\$1,285,000**  
This project would upgrade the electrical system in the Applied Science Building to meet the increasing demands and to replace the current system which cannot adequately supply the academic and support departments in the building. (C-PI)
- 31 Student Desktop Virtualization** **\$1,265,000**  
Student Desktop Virtualization would allow students, for a minimal fee, to rent a mobile computing unit that would provide access to campus software and the internet, thus eliminating their need for a personal laptop computer. Industry data anticipate that Desktop Virtualization will move into mainstream use by 2010. (IT)
- 32 College of Science Instructional / Research Equipment** **\$3,500,000**  
This equipment request would replace movable scientific equipment used for instruction and research in the College of Science, Engineering & Technology by the various academic departments. (EQ)
- 33 Agriculture Instructional Lab & Technology Equipment** **\$800,000**  
This equipment request will allow for the replacement of old/obsolete instructional and laboratory equipment used in the various disciplines of agriculture. The current soils, agronomy, agriculture education, and horticulture program laboratories are all utilizing equipment purchased in 1965 or earlier. (EQ)
- 34 Broadcasting Education Lab Equipment** **\$225,000**  
This project would allow the replacement of various pieces of obsolete (25+ years old) equipment related to instruction in audio/video recording and transmission (radio and television production and broadcasting). (EQ)
- 35 Demolish Woods Hall** **\$1,748,000**  
This project would allow for the demolition of Woods Hall. The 77,000-square-foot building was built in 1957. The building is less than 40% occupied and would need major electrical, HVAC, elevator, and ADA upgrades in order to fully occupy it. The site of Woods Hall has also been identified as a potential location for a new library. (C-PI)

**MURRAY STATE UNIVERSITY**  
**Proposed Projects Involving the General Fund (cash or bonds) cont'd**

**2016-2018**

(Projects listed in alphabetical order)

Construct Agriculture Science & Technology Center	\$67,947,000
Construct Campus Parking Garage	13,089,000
Construct College of Business Building	73,017,000
Demolish Cutchin Field House / Racer Arena	3,276,000
Fine Arts Studio Equipment	500,000
Humanities & Fine Arts Instruction / Studio Equip	250,000
Install Additional Chiller - Heating & Cooling Plant	1,116,000
Install Card-Operated Electronic Locks - Academic Building	12,758,000
Modernize Faculty Hall Elevator	937,000
Music Education Equipment	500,000
Relocate North 16th Street	5,248,000
Renovate Applied Science Classrooms & Offices	10,947,000
Renovate Buildings: E & G Pool < \$600,000	6,746,000
Renovate Pogue Library	9,040,000
Renovate Waterfield Library for Multi-Use Service Center	30,176,000
Renovate Woods Hall	19,452,000
Upgrade E&G Building Fire Alarms	991,000
Upgrade Sparks Hall Electrical System	1,701,000

**2018-2020**

(Projects listed in alphabetical order)

Construct Center for Applied & Basic Environmental Research	\$9,911,000
Construct Motor Pool Maintenance Facility	8,214,000
Install Baseball Field & Stadium Sidewalk Lights	1,109,000
Modernize Business Building Electric, HVAC & Classrooms	8,773,000
Renovate CFSB Center Electrical / Mechanical	3,701,000
Renovate General Services HVAC System	960,000
Renovate Mason Hall Labs / Classrooms / Systems / Etc	4,801,000
Renovate Wells Hall Interior	6,246,000
Repair Stewart Stadium – Structural	4,230,000
Replace North Campus Complex Parking Lot	1,021,000
Replace Waterfield Library HVAC & Mechanical System	963,000
Replace / Retrofit Doyle Fine Arts HVAC & Energy	1,577,000
Upgrade Wells Hall Electrical System	1,207,000

**MURRAY STATE UNIVERSITY**  
**Proposed Projects Involving Agency Bonds**  
(amounts in **bold** are the total budget)

**2014-2016**

(Projects listed by agency priority; descriptions are from the agency submission)

- 1 Replace Franklin Hall** **\$28,953,000**  
This authorization will allow the construction of a new student housing facility to replace Franklin Hall. The new construction of student housing will focus on facilities designed to complement the Residential College concept of student housing/living. Replacing the 51 year old building with a new 114,000 square foot facility, with 380 beds, will result in the modernization and improvement of the student housing environment. (C-O)
- 2 Complete ADA Compliance: H & D Pool < \$600,000** **\$659,000**  
This project pool will address the Americans with Disabilities Act (ADA) compliance needs, with an estimated cost of less than \$600,000 each, in the Housing and Dining (H&D) buildings at MuSU. (C-PI)
- 3 Complete Capital Renewal: H & D Pool < \$600,000** **\$6,734,000**  
This project pool will allow MuSU to upgrade or replace facility systems that have exceeded at least 90 percent of their useful life at various H&D buildings. Each of these projects has an estimated cost of less than \$600,000. (C-PI)
- 4 Renovate Hart Hall Electrical System** **\$1,017,000**  
This project will replace and upgrade, as necessary, all original electrical components of Hart Residential College (Hart Hall), a 47 year old building. (C-PI)
- 5 Renovate Regents Hall Electrical System** **\$1,143,000**  
This project will replace and upgrade, as necessary, all original electrical components of Regents Residential College (Regents Hall). (C-PI)
- 6 Construct Addition to Winslow Cafeteria** **\$1,200,000**  
Project will include the addition of approximately 3,000 square feet to Winslow Cafeteria in order to accommodate an additional 150 patrons in the dining rooms. The project will also include modifications of one dishroom for a short order grill and improvements and expansion of the other dishroom to accommodate current loads. (C-PI)
- 7 Abate Asbestos: H & D Pool < \$600,000** **\$177,000**  
This project pool will allow for the abatement of asbestos in H&D buildings on Murray State's main campus. (C-PI)
- 8 Renovate Buildings: H & D Pool < \$600,000** **\$595,000**  
This project pool will allow MuSU to perform general maintenance upgrades, minor renovations, and replacements with an estimated cost of less than \$600,000 each to existing facilities. (C-PI)

- 9 Renovate White Hall \$11,906,000**  
This project will redesign and rebuild the interior finishes, doors, door frame systems; replace windows; replace roofing; upgrade mechanical, electrical, and plumbing distribution systems; and restore the bedrooms and support areas of the 47 year old White Residential College to new condition. The project will also include some land acquisition for needed residential parking and green space. (C-PI)
- 10 Renovate White Hall Electrical System \$1,015,000**  
This project will replace and upgrade, as necessary, all original electrical components of White Residential College (White Hall). (C-PI)
- 11 Renovate White Hall HVAC System \$1,576,000**  
This project will replace the original boiler, water heater, hot and chilled water pumps, HVAC controls, valves, exhaust fans, fan-coil units, and clean duct work in White Residential College. (C-PI)
- 12 Renovate White Hall Interior \$1,184,000**  
This project allows the renovation and modernization of the interior of White Hall (White Residential College). (C-PI)
- 13 Replace White Hall Domestic Water Piping \$845,000**  
This project will replace all domestic water piping and associated components, including domestic piping, pumps, valves, shower units, stalls, and other related equipment, in White Residential College. (C-PI)

#### **2016-2018**

(Projects listed by agency priority)

1	Replace Springer Hall	\$33,225,000
2	Renovate Springer Hall HVAC & Electrical Systems	1,787,000
3	Replace Springer Hall Water Piping, Fixtures	2,280,000
4	Renovate Springer Hall Interior	1,055,000
5	Renovate Franklin Hall HVAC System	968,000
6	Replace Franklin Hall Water Piping, Fixtures	1,949,000
7	Renovate Franklin Hall Interior	1,054,000
8	Renovate Regents Hall HVAC System	894,000
9	Replace Regents Hall Domestic Water Piping	827,000
10	Renovate Regents Hall Interior	1,408,000
11	Renovate Hart Hall Interior	2,109,000

#### **2018-2020**

(Projects listed by agency priority)

1	Renovate Regents Hall	\$14,973,000
2	Renovate Hart Hall	23,177,000



**MURRAY STATE UNIVERSITY**  
**Proposed Projects NOT Involving the General Fund, Road Fund, or Agency Bonds**  
(amounts in **bold** are the total budget)

**2014-2016**

(Projects listed in alphabetical order)

**Acquire Land** **\$1,000,000 RF**  
To provide a pool of money to be used for property acquisitions as properties become available. (C-O)

**Establish Guaranteed Energy Savings Project, Phase 2** **\$15,879,000 OT-LTF**  
This project will provide a project pool for the second phase of guaranteed energy savings performance contracting projects at MuSU as authorized by House Bill 639. (C-PI)

**Renovate Paducah Crisp Center** **\$1,300,000 RF**  
This project includes renovation and repair of the 95,347 square foot Crisp Center located in Paducah in order to make it suitable for sub-leasing after MuSU moves to its new Paducah facility. (C-PI)

**2016-2018**

Modify Pullen Farm Pavilion to Visitor Center \$786,000 RF

**2018-2020**

Construct Athletic Center \$12,000,000 RF